CLAIMS:

1. A compound having the formula:

$$R_3$$
 $N(H)$
 NH
 NH
 R_2
 $N(H)$
 $N(H)$
 R_1

where

$$R_1 = H$$
, C_1 - C_6 alkyl, cycloalkyl, $(CH_2)_n$ or $(CH_2)_n$ $(n=1-3)$

 $R_2 = H$, C_1 - C_6 alkyl, cycloalkyl

W = C_nH_{2n-m} -NH (n=1-6, m=0, 2, or 4), -NH or -NH

$$R_3 = R_5$$

$$Y = R_7 N$$
, -CH=CH-, $R_7 N$ -CH- or -CH-N R_7

 $Z = CONR_8(CH_2)_n$, $CONR_8(CH_2)_nCO$, $P(CH_3)OCHR_8OCOR_9$, SO_2 , $SO_2(CH_2)_n$, $SO_2(CH_2)_nCO$, $SO_2NR_8(CH_2)_n$, $SO_2NR_8(CH_2)_nCO$, n=1-4

 $R_4 = H$, $(CH_2)_nOH$, $(CH_2)_nOCOR_{10}$, $(CH_2)_nNR_{10}R_{11}$, $(CH_2)_nCONR_{10}R_{11}$, n=0-4

 $R_5 = H_1 (CH_2)_n NR_{12}R_{13}, n = 0-4$

 $R_6 = H$, $(CH_2)_n NR_{14} R_{15}$, n = 0-4

 $R_7 = H$, C_1 - C_6 alkyl, cycloalkyl; $R_8 = H$, C_1 - C_6 alkyl, cycloalkyl; $R_9 = H$, C_1 - C_6 alkyl, cycloalkyl; $R_{10} = H$, C_1 - C_6 alkyl, cycloalkyl; $R_{11} = H$, C_1 - C_6 alkyl, cycloalkyl; $R_{12} = H$, C_1 - C_6 alkyl, cycloalkyl; $R_{13} = H$, C_1 - C_6 alkyl, cycloalkyl; $R_{14} = H$, C_1 - C_6 alkyl, cycloalkyl; $R_{15} = H$, C_1 - C_6 alkyl, cycloalkyl

(I)

Dashed lines: optional; conformational constraint by $(CH_2)_n$, n=1-3, R' = H or O(=)

- 2. A compound according to claim 1 wherein: R_1 , R_2 =H; $W = (CH_2)_4$; X = -CH(OH)CO-; $R_5 = H$; $R_6 = 5$ -N(CH₃)₂; Y = -CH = CH-; and $Z = SO_2NHCH_2CO$.
- 3. A pharmaceutical composition for attenuating the effects of an opiate addiction, opiate dependence, opiate tolerance, opiate related abstinence syndrome, nicotine addiction and obesity comprising said compound of claim 1 in an amount sufficient to effect said attenuation, together with a pharmaceutically acceptable carrier.
- 4. A method of treating an opiate addiction, opiate dependence, opiate tolerance, opiate related abstinence syndrome, nicotine addiction and obesity comprising administering to a mammal in need of such treatment an amount of said compound according to claim 1 sufficient to effect said treatment.
- 15 5. A method of treating an opiate dependence comprising administering to a mammal in need of such treatment an amount of said compound according to claim 1 sufficient to effect said treatment.
- A method of treating an opiate tolerance comprising administering to a mammal in
 need of such treatment an amount of said compound according to claim 1 sufficient to effect said treatment.
 - 7. A method of treating an opiate related abstinence syndrome comprising administering

to a mammal in need of such treatment an amount of said compound according to claim 1 sufficient to effect said treatment.